

IN THE CLAIMS

Please amend the claims as indicated below:

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (Canceled)

12. (Previously Presented) A system for recording images using a camera, comprising:

a plurality of laser emitting diodes; and

a plurality of fiber optics coupled to respective laser emitting diodes at an input end thereof having an exit end with a binary or multi-level diffractive optical pattern formed thereon, wherein the diffractive optical pattern is formed by one of the group selected from etching, molding and cutting,

wherein the exit ends of the fiber optics are arranged in a circular fashion around the camera,

wherein laser light emitted from each laser emitting diode travels through a respective fiber optic and is projected onto a target after passing through the diffractive optical pattern to illuminate a portion of the target for recording images of the target, and said laser light provides an even rectangular illumination pattern across the target.

13. (Canceled)

14. (Previously Presented) The system as described in claim 12, wherein there are a plurality of optical diffractive patterns on the exit end of each fiber optic.

15. (Canceled)

16. (Canceled)